

**Code Changes as Approved by the Maricopa Association of Governments
Building Codes Committee**

2000 International Building Code

IBC-20 (Previously IBC-18) Revision to: Chapter 11 Accessibility

Delete Chapter 11, Accessibility, in its entirety and substitute the following:

ARIZONANS WITH DISABILITIES ACT

"Arizonans with Disabilities Act" (Arizona Revised Statutes, Title 41, Chapter 9, Article 8), and the "Arizonans with Disabilities Act Implementing Rules" (Arizona Administrative Code, Title 10, Chapter 3, Article 4), which rules incorporate The federal "Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities," be and the same is hereby adopted as the Arizonans with Disabilities Act of the Town, City or County, and shall apply to new construction and alterations and are not required in buildings or portions of existing buildings that do not meet the standards and specifications and this act is hereby referred to, adopted and made a part hereof as though fully set forth in this section.

Structural 2 Revision to: Table 1607.1 MINIMUM UNIFORMILY DISDTRIBUTED LIVE LOADS AND MINIMUM CONCENTRATED LIVE LOADS

OCCUPANCY OR USE	UNIFORM (psf)	CONCENTRATED (lbs.)
27. Residential Uninhabitable attics without storage ⁱ (no other changes in item 27)		

i. For trussed systems, this live load need not be considered as acting simultaneously with other live loads imposed upon the ceiling framing or its supporting structure.

Structural 4 Revision to: Section 1607.11.2.1 Flat, pitched and curved roofs

$$R_2 = 1.2 - 0.05 F \quad \text{for } 4 < F < 12 \quad (\text{Equation 16-9})^a$$

- a. For light frame construction 3 stories or less with a slope equal to 4/12 or greater R_2 may be used as 0.8.

Structural 5 Add exceptions to: **Section 1704.5 Masonry Construction**

3. Masonry fences six feet or less in height above grade.
4. Masonry retaining walls four feet or less in height from bottom of footing to top of wall unless supporting a surcharge or impounding flammable liquids.
5. Masonry walls 10 feet or less in height and fireplaces of one and two family dwellings when designed at $\frac{1}{2}$ stress.

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IRC-27 Revision to: **Section R324.1 Subterranean termite control**

R324.1 Subterranean termite control. In areas ~~favorable to termite damage~~ designated as “slight to moderate”, “moderate to heavy” and “very heavy”, as established by Table R301.2 (1), methods of protection shall be by chemical soil treatment, pressure preservatively treated wood in accordance with the AWPAs standards listed in Section R323.1, naturally termite-resistant wood, or physical barriers (such as metal or plastic termite shields), or any combination of these methods.

IRC-35 Add a new section: **Section 1308.2**

M1308.2 Foundations and supports. Foundations and supports for outdoor mechanical systems shall be raised at least 3 inches (76 mm) above the finished grade, and shall also conform to the manufacturer’s installation instructions.

IRC-39 Revision to: **Section E3801.11 HVAC outlet**

E3801.11 HVAC outlet. A convenience receptacle outlet shall be installed for the servicing of heating, air-conditioning and refrigeration equipment ~~located in attics and crawl spaces~~. The receptacle shall be accessible and shall be located on the same level and within 25 feet (7620 mm) of the heating, air-conditioning and refrigeration equipment. The receptacle outlet shall not be connected to the load side of the HVAC equipment disconnecting means.

IRC-41 Revision to: **Section G2414.9 Minimum burial depth**

G2414.9 (404.9) Minimum burial depth. Underground piping systems shall be installed a minimum depth of 12 inches (305 mm) below grade for metal piping and 18 inches (457mm) for plastic piping, except as provided for in Section G2414.9.1.

IRC-42 Revision to: **Section R310.1 Emergency escape and rescue openings**

Add another sentence at the end of the paragraph to read as follows:

Such openings shall open directly into a public street, public alley, yard or court.

IRC-43 Add a new section: **Section E3802.9 Arc-fault circuit interrupters**

E3802.9 Arc-fault Protection. All branch circuits that supply 125-volt, single-phase, 15- and 20-ampere receptacle outlets installed in dwelling unit bedrooms shall be protected by an arc-fault circuit interrupter(s).

IRC-44 Revision to: **Section P2503.6 Water supply system testing**

A sentence at the end of this subsection should be added that reads: The test shall maintain such pressure for 15 minutes.

IRC-45 Revision to: **Section P3103.1 Plumbing vent termination**

P3103.1 Roof Extension. All open vent pipes which extend through a roof shall be terminated at least 6 ~~{number}~~ inches above the roof or 6 ~~{number}~~ inches above the anticipated snow accumulation, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall be run at least 7 feet (2134 mm) above the roof.

IRC-47 Revision to: **Figure R602.3 (2)**

Figure R602.3 (2) Framing Details The note in the upper right corner of the page is edited to read “STAGGER JOINTS 24 ~~ft~~ ~~IN~~. OR USE SPLICE PLATES—SEE SECTION R602.3.2”.

The remainder of the figure (*which follows on the next page*) is to remain unchanged.

IRC-51 Revision to: **Table R602.3 (1) Top plate lap**

Table R602.3 (1) FASTENER SCHEDULE FOR STRUCTURAL MEMBERS Under the column entitled “**DESCRIPTION OF BUILDING ELEMENTS**”, change the tenth line to read, “Double top plates, minimum 24 ~~48~~ – inch offset of end joints, face nail in lapped area”. The remainder of the table is to remain unchanged.

Structural 1 Add a new section: **Section R401.4.2** and amend by deleting: **Section R401.5**

R401.4.2 In lieu of a complete geotechnical evaluation, when top or subsoils are compressible or shifting, such soils shall be removed to a depth and width sufficient to assure stable moisture content in each active zone and shall not be used as fill or nor stabilized within each active zone by chemical, dewatering, or presaturation.

~~**R401.5 Compressible or shifting soil.** When top or subsoils are compressible or shifting, such soils shall be removed to a depth and width sufficient to assure stable moisture content in each active zone and shall not be used as fill or stabilized within each active zone by chemical, dewatering, or presaturation.~~

Structural 3 Revision to: **Table R301.4 MINIMUM UNIFORMILY DISTRIBUTED LIVE LOADS**

Revise Table by adding footnote “g”:

USE	LIVE LOAD
Attics without storage ^{b, e, g}	10

(No other changes to Table)

g. For trussed systems, this load need not be considered as acting simultaneously with other live loads imposed upon the ceiling framing or its supporting structure.

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IFGC-4 Revision to: **Section 304.14 Louvers and grilles**

304.14 Louvers and grilles. In calculating free area in Sections 304.10, 304.11 and 304.12, the required size of openings for combustions, ventilation and dilution air shall be based on the net free area of each opening. If the free area through a design of louver or grille is known, it shall be used in calculating the size opening required to provide the free area specified. If the design and free area are not known, it shall be assumed that wood louvers will have 20— 25 percent free area and metal louvers and grilles will have 60— 75 percent free area. Louvers and grilles shall be fixed in the open position.

The exception shall remain unchanged.